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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Ueda et al.

Appl. No. : 10/549,555

Filed : June 29, 2006

For : DRUG FOR TREATING  
HEMOPHILIA AND METHOD OF  
TREATING HEMOPHILIA USING  
THE SAME

Examiner : Unknown

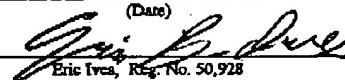
Group Art Unit: 1646

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November 27, 2006

(Date)



Eric Ives, Reg. No. 50,928

REQUEST FOR CORRECTED FILING RECEIPT

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Customer Service Center  
Alexandria, VA 22313-1450

Dear Sir:

Applicant hereby requests that the Official Filing Receipt, a copy of which is enclosed, be corrected to reflect the following: in the last inventor's name, please delete "MAURINEE" and insert "MARINEE". For your convenience, a copy of the Declaration/Power of Attorney and cover page of the PCT publication is enclosed.

Appl. No. : 10/549,555  
Filed : July 29, 2006

We look forward to receiving the corrected filing receipt in due course.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 11-27-2006

By: Eric Ives

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Registration No. 50,928  
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APPL NO.	FILING OR 371 (C) DATE	ART UNIT	FIL FEE RECD	ATTY.DOCKET NO	DRAWNGS	TOT CLMS	IND CLMS
10/549,555	06/29/2006	1646	1030	SAEG193.001APC	4	10	1

CONFIRMATION NO. 3773

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## FILING RECEIPT

  
\*OC000000019653480\*

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**MARINEE**

Power of Attorney: The patent practitioners associated with Customer Number 20995.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/03560 03/17/2004

## Foreign Applications

JAPAN 2003071788 03/17/2003

If Required, Foreign Filing License Granted: 07/18/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/549,555**

Projected Publication Date: 10/26/2006

Non-Publication Request: No

**Early Publication Request: No**

**Title**

Drug for treating hemophilia and method of treating hemophilia using the same

**Preliminary Class**

435

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## (12)特許協力条約に基づいて公開された国際出願

(19) 世界知的所有権機関  
国際事務局



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特願2003-071788 2003年3月17日 (17.03.2003) JP

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(81) 指定国(表示のない限り、全ての種類の国内保護が可能): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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添付公開書類:  
— 国際調査報告書

2文字コード及び他の略語については、定期発行される各PCTガゼットの巻頭に掲載されている「コードと略語のガイドスノート」を参照。

(54) Title: DRUG FOR TREATING HEMOPHILIA AND METHOD OF TREATING HEMOPHILIA USING THE SAME

(54) 発明の名称: 血友病治療用薬剤及びそれを用いた血友病治療方法

(57) Abstract: A drug whereby a blood coagulation factor gene can be efficiently transferred into liver cells with little risk of side effects can be obtained by a convenient method comprising encapsulating a blood coagulation factor VIII (IX) gene for treating hemophilia in a hollow nanoparticle obtained by expressing a protein capable of forming particles (for example, hepatitis B virus surface antigen protein) in an eukaryotic cell.

(57) 要約: 粒子形成能を有するタンパク質、例えばB型肝炎ウィルス表面抗原タンパク質を直接細胞内で発現させることにより得られた中空ナノ粒子に、血友病治療用の血液凝固第VIII (IX) 因子の遺伝子を包含させるという簡便な方法により、血液凝固因子の遺伝子を肝細胞に効率的に導入することができると共に副作用の心配も極めて低い薬剤を得る。

WO 2004/082720 A1

Page 1

Attorney's Docket No. SAEG193.DCVA/PC**DECLARATION AND POWER OF ATTORNEY - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is

sought on the invention entitled ATHERAPEUTIC PRODUCT FOR TREATING HEMOPHILIA AND METHOD  
OF TREATING HEMOPHILIA USING THE SAME

the specification of which:

- (a)  is attached hereto; or
- (b)  was filed on September 19, 2005 as Application No. 10/549555 or Express Mail No., as Application No. not yet known \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or
- (c)  was described and claimed in PCT International Application No. PCT/JP2004/003560 filed on March 17, 2004 and as amended under PCT Article 19 on \_\_\_\_\_ (if any) and/or under PCT Article 34 on \_\_\_\_\_ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) listed below and have also identified below any foreign application(s) for patent, design or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed for the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 37 U.S.C. § 119	
Japan	2003-71788	17/03/2003	<input checked="" type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>
			<input type="checkbox"/> YES	NO <input type="checkbox"/>

Page 2

Attorney's Docket No. \_\_\_\_\_

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S.A. Application(s)

Application No.: \_\_\_\_\_ Filing Date: \_\_\_\_\_ Status: \_\_\_\_\_

**POWER OF ATTORNEY:** I hereby appoint the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, California 92614, Telephone (949) 760-0404, Customer No. 20,995.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

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Page 3

Attorney's Docket No. \_\_\_\_\_

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Inventor's signature Thierry VANDENDRIJSSCHE Day 2nd Month December Year 2005

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TIENSESTEENWEG 250, BIERBEEK

Full name of eighth inventor:

Inventor's signature \_\_\_\_\_ Day \_\_\_\_\_ Month \_\_\_\_\_ Year \_\_\_\_\_

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Citizenship: \_\_\_\_\_

Post Office Address: \_\_\_\_\_

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